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Experience with the TI 8 and TT40 tests

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The LHC transfer line TI 8 was commissioned with beam in the autumn of 2004. This talk outlines the tests performed and their conclusions regarding measured beam parameters, optics, beam instrumentation, control system and machine protection system. In the same period the LSS4 extraction channel and TT40 line were commissioned with high intensity beams. The important lessons on machine protection and operational procedures learned from a beam loss incident are summarised. An extrapolation of the experience obtained during both tests towards LHC commissioning is made.

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